

CLAIMS

1. A rigid pipe (1) for transporting hydrocarbons having a single-walled or a double-walled envelope, made from two coaxial pipes, respectively an inner pipe (2) and an outer pipe (3), separated by an annular space, this pipe (1) being a reelable type and comprising at least one electrical heating cable (10), characterized in that said cable (10) is capable of undergoing an elongation of at least 0.5% without damage.
2. A pipe according to Claim 1, characterized in that the materials comprising the cable (10) are subjected to elastically deformation while remaining below 15% of their elastic limit and preferably below 5%.
3. A pipe according to any one of Claims 1 or 2, characterized in that said cable (10) is disposed parallel to the longitudinal axis of the pipe (1).
4. A pipe according to Claim 3, characterized in that it is comprised of two coaxial pipes, inner (2) and outer (3), respectively, separated by an annular space and said cable (10) is disposed along one surface of the inner pipe (2).
5. A pipe according to any one of Claims 1 to 4, characterized in that said cable (10) is a flat cable.
6. A pipe according to any one of Claims 1 to 5 characterized in that said cable (10) is a central conducting braided cable (11).
7. A pipe according to Claim 6, characterized in that the braided cable (11) is surrounded by at least one electrical insulation sheath (12).
8. A pipe according to any one of the above Claims, wherein it is a pipe-in-pipe and that the sealing members (20) of the annular space between the coaxial pipes (2, 3) are configured for receiving the heating cable sections (10').

- 5 9. A pipe according to any one of the above Claims, characterized in that there are provided, at different locations on the electrical supply circuit associated with the pipes connection boxes (40) for automatically locally re-establishing the connection between phases in the event of failure of the circuit.